State of New Mexico

Energy, Minerals and Natural Resources Department Oil Conservation Division Sundry Notices and Reports on Wells API'# (assigned by OCD) 30-045-25334 Lease Number 1. Type of Well Fee GAS State Oil&Gas Lease # 7. Lease Name/Unit Name 2. Name of Operator MERIDIAN OIL Fee Well No. 12A 3. Address & Phone No. of Operator 9. Pool Name or Wildcat PO Box 4289, Farmington, NM 87499 (505) 326-9700 Aztec Pictured Cliffs/ Blanco Mesaverde 10. Elevation: 5850 GR 4. Location of Well, Footage, Sec., T, R, M 1010'FNL, 900'FEL, Sec.12, T-30-N, R-12-W, NMPM, San Juan County Type of Action Type of Submission ___ Change of Plans ___ Abandonment _X_ Notice of Intent New Construction
Non-Routine Fracturing ___ Recompletion _ Plugging Back Casing Repair Subsequent Report Casing Repair Water Shut off
Altering Casing Conversion to Injection Final Abandonment X Other - Packer repair Describe Proposed or Completed Operations

13.

It is intended to repair the packer in the subject well according to the attached procedure and wellbore diagram.

Makeld (VGW4) Regulatory Administrator_January 22, 1996____ SIGNATURE

(This space for State Use)

Approved by change Robinson Title FPHY OIL & GAS INSPECTOR, DIST. #3 Date JAN 2 3 1996

Workover Procedure - Packer Repair

Fee # 12A
Pictured Cliffs/ Mesaverde Dual
Sec. 12, T-30-N, R-12-W
San Juan County, New Mexico
DPNO 1144A - MV, 11444B - PC

- 1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.
- Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight
 pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow
 pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.
- 3. Blow down tubing both Pictured Cliffs (1 1/4", 2.33#, V55 IJ) and Mesaverde (1 1/2", 2.76#, V55, IJ) tubing to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send well head to A-1 Machine or WSI for inspection.
- 4. PU additional joints of 1-1/4" PC tubing and CO to the Baker Model D packer at 2295' with air. TOOH and LD PC tubing. Visually inspect tubing string (on trip), and replace joints of tubing that are in bad condition. PU on MV tubing, unseat seal assembly (Baker G22, straight pick-up) and TOOH with MV tubing. Visually inspect tubing string (on trip), and replace joints of tubing that are in bad condition. Send seal assembly to Baker for redress.
- 5. PU 2 3/8" workstring and RIH with 6 1/4" bit and 7", 23# casing scraper to 2250'. POOH.
- 6. PU 7" RBP, TIH and set at 2125' (100' above PC perfs). Load hole with 1% KCl water. Pressure test 7" casing above RBP to 1000. If pressure test fails, isolate leak and design cement squeeze job as appropriate.
- 7. If casing tests, TIH w/retrieving tool blowing down and retrieve RBP. TOOH. TIH with 2 7/8" bit & 2650' of 1 1/2" tail pipe and 2 3/8" tubing. Blow well clean and obtain gauges. POOH and LD 2 3/8" work string. (At this point acid or solvent wash could be used in the perfs if necessary.)
- 8. TIH with MV tubing with seating nipple and pump-out plug one joint off bottom. Hydrotest 1-1/2" tubing above slips to 2000#, from one joint below Model D packer to surface. Land tubing near bottom of MV perfs at 4794'. TIH with PC tubing with a seating nipple and pump-out plug one joint off bottom. Land 1-1/4" tubing near bottom PC perfs at 2244'.
- ND BOP and NU wellhead. Pump out plugs. Record final gauges. Return well to production.

Recommend	ded:				
		s Engineer			
Approval:	all.	1/19/96			
• •	Drilling Superintendent				

Fee # 12A

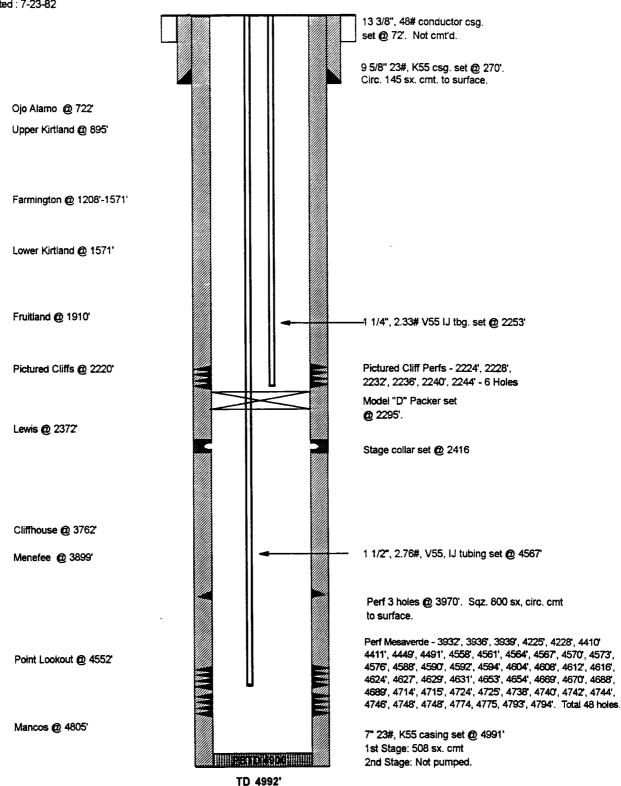
CURRENT - 6/09/95

DPNO: 11444 A / B Aztec Pictured Cliffs / Blanco Mesaverde

1010 FNL, 900 FEL Section 12, T-30-N, R-12-W, San Juan County, NM

Spud: 6-16-82

➤ Completed: 7-23-82



PERTINENT DATA SHEET 6/29/95

WELLNAME:	Fee 12A				DP NUMBER: PROP. NUMBER:	11444 A / B 071089901 - I 071089900 - I		
WELL TYPE:	Pictured Cliffs Mesaverde				ELEVATION: GL:			
LOCATION:	1010' FNL, 900 Sec. 12, T30N				INITIAL POTENTIAL:	<u>PC</u> 502 MCF/D	MV 2450 MCF/D	AOF
	San Juan Cour	nty, NM				<u>PC</u>	MV	
				İ	INITIAL SITP:	No Data	1,143	7/23/82
					LAST AVAILABLE SITP:	No Data	737	10/7/89
OWNERSHIP:	GWI: NRI: SJBT:	PC 57.5000% 48.8750% 0.0000%	<u>MV</u> 57.5000% 48.8750% 0.0000%		DRILLING:	SPUD DATE: COMPLETED: TOTAL DEPTH: PBTD:	6/16/82 7/23/82 4992' 4900'	
CASING RECORD:			- *	· · · · · · · · · · · · · · · · · · ·				
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT		TOC
	13 3/8"	48#		07 2 '	Conductor Csg. Set through boulders	Not Cmt'd		
12 1/4*	9 5/8"	36#	K55	270		145 Sx.		Circ. to s
8 3/4"	7*	23#	K55	4991'	Stage tool @ 2416' Model "D" Pkr set @ 2295' Cmt. retainer set @ 3930'.	_		4190' Circ. to s
					Perf & sqz 800 sx. cmt @	3 970'		
Tubing	PC - 1 1/4"	2.33#	∨55	2253'	IJ tbg. 1 jt, SN, 70 jts.			
	MV - 1 1/2"	2.76#	V55 	4567	IJ tbg. 1 jt., SN, 70 jts., S	N, 71 jts, 7 pups.		
FORMATION TOPS:								
	Ojo Alamo		722'		Cliffhouse	3762'		
	Upper Kirtland Farmington		0895' 1208'-1571'		Menefee Point Lookout	3899' 4552'		
	Lower Kirtland		1571'		Mancos	4805'		
	Fruitland		1910'					
	Pictured Cliffs Lewis		2220° 2372					
LOGGING:	IES, GRD/N a	nd CBL						
PERFORATIONS	PC	2224', 2228', 22	32' 2236' 224	40'. 2244' Tot	al 6 holes	·	<u> </u>	
PERFORMIONS	MV	3932', 3936', 394592', 4594', 46	39', 4225', 422 604', 4608', 46	28', 4410', 44 12', 4616', 46	11', 4449', 4491', 4558', 4561', 24', 4627', 4629', 4631', 4653', 46', 4748', 4774', 4775', 4793',	4654', 4669', 4670', 4	1688', 4689', 4	
STIMULATION:		34,500# 20/40 s 100,00# 20/40 s						
WORKOVER HISTORY:			2741'-4900'.	Run CBL. T	ed up on displacement. Open : OC @ 4190'. Perf @ 3970'. So			
PRODUCTION HISTORY:		Gas	Oil	D	ATE OF LAST PRODUCTION:	Gas	<u>Oil</u>	
Pictured Cliffs Cumulative as of 1995:		110.6 MMcf	0 bo		Pictured Cliffs 04 /95	1.6 MMcf	0 bo	
Cumulative as of 1999.		1.6 MMcf/m	0 bo		5-7 100		- 	
Mesaverde:					<u>Mesaverde</u>			
Cumulative as of 1995:		240.6 Mmcf 0 Mcf/m	2.9 Bbo 0 bo		03 /95	1.1 MMcf	2 bo	